

CALIFORNIA REGIONAL WATER QUALITY CONTROL BOARD
CENTRAL VALLEY REGION

ORDER NO. 72-244

SWIS # 15-AA-0061

WASTE DISCHARGE REQUIREMENTS
FOR
TAFT SANITARY LANDFILL
Kern County

The California Regional Water Quality Control Board, Central Valley Region, finds:

1. Kern County submitted a Report of Waste Discharge dated 1 March 1972.
2. Kern County proposes to establish Taft Sanitary Landfill in NE¼ of Section 25, T31S, R23E, MDB&M, about three miles north of Taft.
3. The total volume of the proposed site is 1,950,000 cubic yards.
4. The Tulare Formation underlying the disposal site is in continuity with usable water bearing formations underlying the San Joaquin Valley, 12 miles to the northeast.
5. There is no significant surface water and there are no known beneficial uses of ground waters in the immediate vicinity of the disposal site.
6. Beneficial uses of ground waters underlying the floor of the San Joaquin Valley are:
 - a. municipal supply
 - b. agricultural supply
7. The proposed site is classified as a Class II-2 site in accordance with Chapter 3, Title 23, Subchapter 15 of the California Administrative Code.
8. The California Regional Water Quality Control Board, Central Valley Region, adopted an Interim Water Quality Control Plan for the San Joaquin River Subbasin and Tulare Lake Subbasin on 15 June 1971.
9. The Board has notified the discharger and interested agencies and persons of its intent to prescribe waste discharge requirements for the discharge.

10. The Board in a public meeting has heard and considered all comments pertaining to the discharge.

IT IS HEREBY ORDERED that Kern County at the Taft Sanitary Landfill shall comply with the following:

A. Waste Discharge Specifications

1. The discharge shall not cause a pollution of ground or surface waters.
2. The discharge shall not cause a nuisance.
3. Surface runoff from the drainage area tributary to the site shall be excluded from the site.
4. The site shall be constructed and operated to contain all leachate within the disposal area.
5. The surface of the disposal site shall be graded to prevent ponding and to promote rapid lateral runoff of precipitation directly on the site.
6. The discharge shall be limited to Group II and Group III wastes.

B. Provisions

1. Prior to cessation of disposal operations at a waste disposal site, the discharger shall submit a technical report to the Regional Board describing the methods and controls to be used to assure protection of the quality of surface and ground waters of the area during final operations and with any proposed subsequent use of the land. This report shall be prepared by or under the supervision of a registered engineer or a certified engineering geologist.
2. The methods used to close the site and assure continuous protection of the quality of surface and ground water shall comply with conditions established by the Executive Officer.
3. The discharger shall comply with the Monitoring and Reporting Program No. 72-244 as specified by the Executive Officer.
4. The discharger shall report promptly to the California Regional Water Quality Control Board, Central Valley Region, any material change or proposed change in character, location, or volume of the discharge.

TAFT SANITARY LANDFILL
Kern County

- 3 -

5. This order does not constitute a license or permit; neither does it authorize the commission of any act resulting in injury to the property of another, nor does it protect the discharger from his liabilities under federal, state, or local laws.
6. The Board will review this order periodically and may revise the requirements when necessary.

I, JAMES A. ROBERTSON, Executive Officer, do hereby certify the foregoing is a full, true, and correct copy of an order adopted by the California Regional Water Quality Control Board, Central Valley Region, on 28 April 1972.

Original signed by
James A. Robertson

Executive Officer

03/17/72 WHD/ifc

TAFT SANITARY LANDFILL
Kern County

Kern County proposes to develop a sanitary landfill on about 43 acres in NE¼ of Section 25, T31S, R23E, MDB&M located about three miles north of Taft. The area is rolling and arid and relatively isolated. Average rainfall at Taft is 4.8 inches.

The total volume to be developed is 1,950,000 cubic yards to serve a design population of 16,000 persons. Disposal is estimated as 40 tons/day at present increasing to 106 tons/day in the future. The proposed site will serve the area around the community of Taft.

The disposal site is underlain by the Tulare Formation consisting of sands and gravels. In fact, the site is located in an abandoned gravel pit. The Tulare Formation is in hydraulic continuity with usable ground water found in the alluvium of the floor of the San Joaquin Valley, 12 miles to the northeast. The site is surrounded by active, producing oil fields.

Records indicate that the quality of water in the Tulare Formation at this location is poor, having an electrical conductivity in excess of 5,000 micromhos. Based on information available from the closest well located about 2.5 miles east of the disposal site and the topography of the area, the depth to ground water in the vicinity of the site is estimated to be in excess of 100 feet.

There are two surface drainage channels running through the area that will have to be modified to prevent surface drainage entering the refuse material or draining leachate.

Specifications contained in Chapter 3, Title 23, Subchapter 15 of the California Administrative Code establish this site as a Class II-2 site and suitable for disposal of Group 2 wastes.

03/17/72 WHD/ifc

